

SECTION 1: IDENTIFICATION

Product Identifier

Product Form: Mixture

Product Name: Thixocal 8100

Product Code: Thixocal 8100

Intended Use of the Product

Use of the Substance/Mixture: Corrosion Preventive Compound.

Name, Address, and Telephone of the Responsible Party

Company

Soltex Inc. (Synthetic Oils & Lubricants of Texas)

3707 FM 1960 W Ste. 560

Houston, TX 77068

(281)-587-0900

soltexinc.com

Emergency Telephone Number

Emergency Number : (800)-424-9300 (CHEMTREC); (281)-587-0900 (Other Safety Information)

SECTION 2: HAZARDS IDENTIFICATION

Classification of the chemical in accordance with paragraph (d) of §1910.1200;

GHS Hazard

Symbols



GHS

Classification

Skin Corrosion/Irritation Category 2

Serious Eye Damage/Eye Irritation Category 2B

Carcinogenicity Category 2

Flammable Liquid Category 3

Hazardous to the aquatic environment - Acute Category 3

Signal Word

Warning

Hazard

Flammable liquid and vapour.

Statements

Causes skin and eye irritation

Suspected of causing cancer.

Harmful to aquatic life.

Precautionary

Statements

Obtain special instructions before use.

Do not handle until all safety precautions have been read and understood.

Prevention

Keep away from heat/sparks/open flames/hot surfaces. – No smoking.

Keep container tightly closed.

Ground/bond container and receiving equipment.

Use explosion-proof equipment.

Use only non-sparking tools.

Take precautionary measures against static discharge.

Wash thoroughly after handling.

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Response	<p>Avoid release to the environment. Wear protective gloves/protective clothing/eye protection/face protection. Use personal protective equipment as required. IF ON SKIN: Wash with plenty of soap and water. IF ON SKIN (or hair): Remove/Take off immediately all contaminated clothing. Rinse skin with water/shower. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. IF exposed or concerned: Get medical advice/attention. Specific treatment: None known If skin irritation occurs: Get medical advice/attention. If eye irritation persists: Get medical advice/attention. Take off contaminated clothing and wash before reuse. Use dry chemical, water fog, CO₂, foam or sand/earth for extinction.</p>
Storage	<p>Keep container tightly closed. Store in a well-ventilated place. Keep cool. Store locked up.</p>
Disposal	<p>Dispose of contents/container in accordance with local/regional/national/international regulation for hazardous wastes.</p>

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Name	CAS #	%
Hydrotreated light distillate (Petroleum)	64742-47-8	10 - 30
Solvent naphtha (petroleum) medium aliphatic	64742-88-7	5 - 10
Dipropylene glycol dibenzoate	27138-31-4	5 - 10
Xylene	1330-20-7	0.1 - 1
Ethylbenzene	100-41-4	0.1 - 1

Note: Specific chemical identities and/or exact percentages have been withheld as a trade secret.

SECTION 4: FIRST AID MEASURES

Inhalation	If symptoms are experienced remove source of contamination or move victim to fresh air and obtain medical advice.
Eyes	Flush eyes with plenty of water for at least 20 minutes retracting eyelids often. Tilt the head to prevent chemical from transferring to the uncontaminated eye. Get immediate medical attention.
Skin Contact	Wash with soap and water. Remove contaminated clothing and launder. Get medical attention if irritation develops or persists.
Ingestion	Do not induce vomiting and seek medical attention immediately. Provide medical care provider with this SDS. If vomiting occurs, lean victim forward to reduce risk of aspiration into lungs. Induce vomiting as a last measure. Induced vomiting may lead to aspiration of the material into the lungs potentially causing chemical pneumonitis that may be fatal.
Most important symptoms/effects, acute and delayed	See Section 11
Indication of immediate medical attention and special treatment needed	Treat symptomatically.

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SECTION 5: FIRE-FIGHTING MEASURES

Suitable extinguishing media:

Use alcohol resistant foam, carbon dioxide, or dry chemical extinguishing agents. Water may be ineffective but water spray can be used to extinguish a fire if swept across the base of the flames. Water can absorb heat and keep exposed material from being damaged by fire.

**Unsuitable extinguishing media:
Fire and/or Explosion Hazards**

No data available

Vapors may be ignited by sparks, flames or other sources of ignition if material is above the flash point giving rise to a fire (Class B). Vapors are heavier than air and may travel to a source of ignition and flash back. Empty containers that retain product residue (liquid, solid/sludge, or vapor) can be dangerous. Do not pressurize, cut, weld, braze, solder, drill, grind, or expose container to heat, flame, sparks, static electricity, or other sources of ignition. Any of these actions can potentially cause an explosion that may lead to injury or death.

Fire Fighting Methods and Protection

Do not enter fire area without proper protection including self-contained breathing apparatus and full protective equipment. Fight fire from a safe distance and a protected location due to the potential of hazardous vapors and decomposition products. Use appropriate methods for the surrounding fire.

Flammable component(s) of this material may be lighter than water and burn while floating on the surface.

Hazardous Combustion Products

Oxides of carbon, Calcium oxides, Sulfur oxides

SECTION 6: ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

No health effects expected from the clean-up of this material, if contact can be avoided. Follow personal protective equipment recommendations found in Section VIII of this SDS Exposure to the spilled material may be irritating or harmful. Follow personal protective equipment recommendations found in Section VIII of this SDS. Additional precautions may be necessary based on special circumstances created by the spill including; the material spilled, the quantity of the spill, the area in which the spill occurred. Also consider the expertise of employees in the area responding to the spill.

Methods and materials for containment and cleaning up

Absorb or cover with dry earth, sand or other non-combustible material and transfer to appropriate waste containers. Use clean, non-sparking tools to collect absorbed material. Collect and discard in accordance with local, state and national regulations. Prevent the spread of any spill to minimize harm to human health and the environment if safe to do so. Wear complete and proper personal protective equipment following the recommendation of Section VIII at a minimum. Dike with suitable absorbent material like granulated clay. Gather and store in a sealed container pending a waste disposal evaluation.

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SECTION 7: HANDLING AND STORAGE

Precautions for safe handling

Mildly irritating material. Avoid unnecessary exposure. Avoid contacting and avoid breathing the material. Use only in a well ventilated area. As with all chemicals, good industrial hygiene practices should be followed when handling this material. Wash thoroughly after handling. Do not get in eyes, on skin and clothing. Ground and bond containers when transferring material. "Empty" containers retain product residue (liquid and/or vapor) and can be dangerous.

Conditions for safe storage, including any incompatibilities

Store in a cool dry place. Isolate from incompatible materials. Keep container closed when not in use. Keep away from heat, sparks, and flame.

Incompatible materials

Strong oxidizing agents

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

Control parameters

Chemical Name

ACGIH TLV

ACGIH STEL

OSHA PEL

Hydrotreated light distillate (Petroleum)

200 mg/m³

Solvent naphtha (petroleum) medium aliphatic

100 ppm

500 ppm

Ethylbenzene

20 ppm TWA

100 ppm TWA

Engineering Measures

Local exhaust ventilation or other engineering controls are normally required when handling or using this product to avoid overexposure. Engineering controls must be designed to meet the OSHA chemical specific standard in 29 CFR 1910. Use process enclosures, local exhaust ventilation, or other engineering controls to control airborne levels below recommended exposure limits

Respiratory Protection

Proper ventilation (at a minimum) will be required when handling this product. Use respirators (NIOSH approved) only if ventilation cannot be used to eliminate symptoms or reduce the exposure to below acceptable levels. Follow a respiratory protection program that meets 29 CFR 1910.134 and ANSI Z88.2 requirements whenever work place conditions warrant the use of a respirator.

Eye Protection

Wear chemically resistant safety glasses with side shields when handling this product. Do not wear contact lenses.

Skin Protection

Wear protective gloves. Inspect gloves for chemical break-through and replace at regular intervals. Clean protective equipment regularly. Wash hands and other exposed areas with mild soap and water before eating, drinking, and when leaving work.

Gloves

Chemically resistant gloves

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SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

Physical State	Viscous Liquid Tan
Color	Slight Kerosene like
Odor	
Odor Threshold	No data available
pH	No data available
Melting Point/freezing point, °C	No data available
Initial boiling point and boiling range, °C	No data available
Flash Point	105 °F(41 °C)
Evaporation Rate	No data available
Flammability (Solid, Gas)	No data available
Lower Flammable/Explosive Limit, % in air	No data available
Upper Flammable/Explosive Limit, % in air	No data available
Vapor Pressure	> 2 mmHg
Vapor Density	>1 (Air=1)
Specific Gravity @ 25°C	0.99
Solubility in Water	Negligible; 0-1%
Octanol/Water Partition Coefficient	No data available
Autoignition Temperature	No data available
Decomposition Temperature	No data available
Viscosity	7000 cP
Volatiles, % by weight	26
VOC, lb/gal	2.19
VOC, grams/liter	262.7

SECTION 10: STABILITY AND REACTIVITY

Reactivity	No data available
Chemical stability	Stable under normal conditions.
Possibility of hazardous reactions	Under normal conditions of storage and use, hazardous reactions will not occur.
Conditions to avoid	Contamination. Elevated temperatures.
Incompatible materials Hazardous decomposition products	Strong oxidizing agents Under normal conditions of use & storage, decomposition and hazardous decomposition products are unlikely.

SECTION 11: TOXICOLOGICAL INFORMATION

Likely Routes of Entry	Inhalation, Skin contact, Eye contact
Target Organs Potentially Affected by Exposure	Central Nervous System
Chemical Interactions That Change Toxicity	No chemical interaction known to affect toxicity.
Medical Conditions Aggravated	Skin contact may aggravate existing skin disease, Respiratory disease including asthma and bronchitis

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Immediate (Acute) Health Effects by Route of Exposure

Inhalation Irritation	Can cause moderate respiratory irritation, dizziness, weakness, fatigue, nausea and headache. Other possible symptoms include; wheezing and coughing due to pulmonary edema (fluid build-up in lungs).
Inhalation Toxicity	Can cause systemic damage (see "Target Organs")
Skin Contact	Can cause moderate skin irritation, defatting, and dermatitis. Not likely to cause permanent damage.
Eye Contact	Can cause moderate irritation, tearing and reddening, but not likely to permanently injure eye tissue.
Ingestion Irritation	Irritating to mouth, throat, and stomach. Can cause abdominal discomfort, nausea, vomiting and diarrhea. Aspiration of material into the lungs can cause chemical pneumonitis which can be fatal.
Ingestion Toxicity	Harmful if swallowed.

Long-Term (Chronic) Health Effects

Carcinogenicity	Ethylbenzene contains a substance that is a possible cancer hazard based on high dose animal studies and/or a human study.
Inhalation	Upon prolonged and/or repeated exposure, can cause severe respiratory irritation, dizziness, weakness, fatigue, nausea, headache and possible unconsciousness. Can cause systemic damage upon prolonged and/or repeated exposure (see "Target Organs")
Skin Contact	Upon prolonged or repeated contact, can cause moderate skin irritation, defatting, and dermatitis. Not likely to cause permanent damage.
Ingestion	Under normal industrial usage conditions, ingestion is highly unlikely.

Component Toxicology Data

Chemical Name	CAS Number	LD50/LC50
Hydrotreated light distillate (Petroleum)	64742-47-8	Dermal LD50 Rabbit > 2000 mg/kg Oral LD50 Rat > 5000 mg/kg Inhalation LC50 (4h) Rat > 20 mg/L
Solvent naphtha (petroleum) medium aliphatic	64742-88-7	Dermal LD50 Rabbit 3000 mg/kg Oral LD50 Rat > 5000 mg/kg Inhalation LC50 (4h) Rat > 700 mg/L Inhalation LC50 Rat > 5.28 mg/L
Dipropylene glycol dibenzoate	27138-31-4	Dermal LD50 Rat > 2000 mg/kg Oral LD50 Rat = 3914 mg/kg Inhalation LC50 (4h) Rat > 200 mg/L
Ethylbenzene	100-41-4	Dermal LD50 Rabbit 15354 mg/kg Rat 4820 mg/kg

SECTION 12: ECOLOGICAL INFORMATION

Overview	No ecological information available
Mobility	No data
Persistence	No data
Bioaccumulation	No data
Degradability	No data

Ecotoxicity Data

Chemical Name	CAS Number	Aquatic EC50 Crustacea	Aquatic ERC50 Algae	Aquatic LC50 Fish
Dipropylene glycol dibenzoate	27138-31-4	LL50 (48 hr) Water flea = 19.3 mg/L	LL50 (72 hr) Algae = 4.9 mg/L	LC50 (96 hr) Fish = 4 mg/L
Ethylbenzene	100-41-4	EC50 (48 hr) Water flea 1.8 - 2.4 mg/L	EC50 (72 hr) Algae = 4.6 mg/L	LC50 (96 hr) Rainbow trout 11 - 18

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SECTION 13: DISPOSAL CONSIDERATIONS

Waste Description for Spent Product	Spent or discarded material is a hazardous waste.
Disposal Methods	Dispose of by incineration following Federal, State, Local, or Provincial regulations.
Waste Disposal Code(s)	D001

SECTION 14: TRANSPORT INFORMATION

Full shipping name for Export, Air, Sea (any quantity unless flash pt. >150°F) or vessels of 119 GL or more Domestic	UN1268, PETROLEUM DISTILLATES, N.O.S., (Naphtha Solvent), 3, PG III,
Ground in vessels < 119 gal.	Not Regulated

SECTION 15: REGULATORY INFORMATION

Status of formula components on selected national regulatory inventories:

LIST	STATUS
TSCA Canadian	All components in this product are on the TSCA Inventory or exempt.
DSL	One or more chemical substances in this material are on the Canadian NDSL and the remainder are included on the Canadian DSL or are exempt.

Chemical Name	CAS #	Regulation	Percent
Ethylbenzene	100-41-4	California Prop 65	0.1 - 1
No CERCLA-listed chemicals in this product.		CERCLA	
No 313-listed chemicals in this product.		SARA 313	
No SARA 302 EHS-listed chemicals in this product.		SARA EHS	

SECTION 16: OTHER INFORMATION, INCLUDING DATE OF PREPARATION OR LAST REVISION

Revision Date	: 07/01/2016
Other Information	: This document has been prepared in accordance with the SDS requirements of the OSHA Hazard Communication Standard 29 CFR 1910.1200.

Party Responsible for the Preparation of This Document

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This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.

Soltex NA GHS SDS